

# *Generative AI*

*Unleashing the Creative Power of  
Machines*



*~Shreya Bhardwaj~*

# *What we will talk about:*

What is generative Ai?

Applications?

How to use these tools in our day to day life?

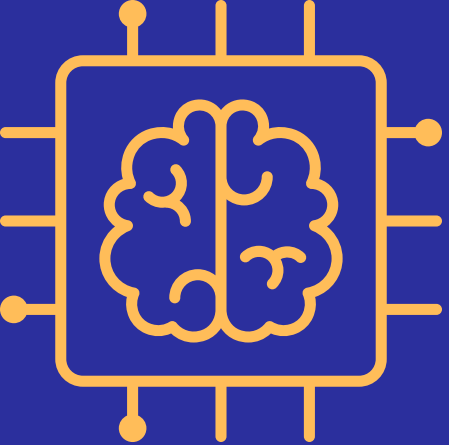
Impacts and challenges for using these at workplace?

Dell with Nvidia

Future directions

Conclusion





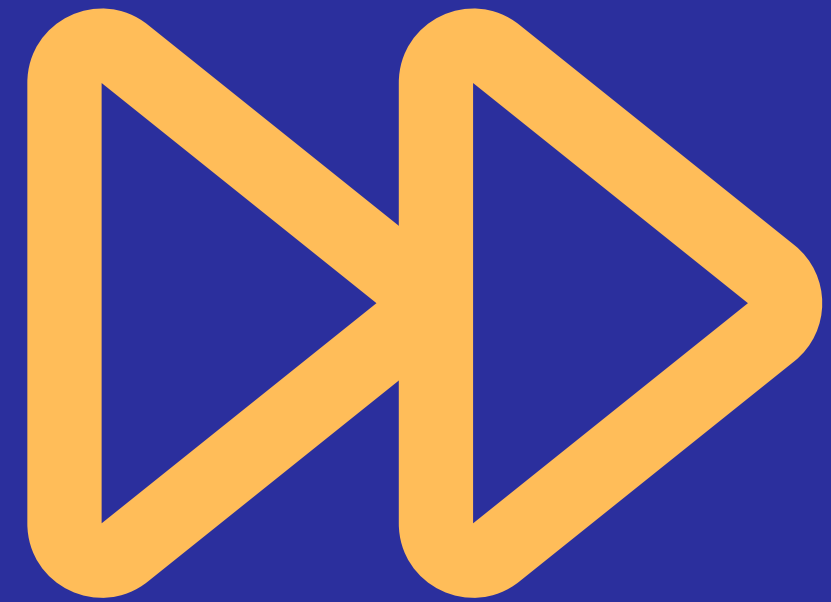
# *What is Generative AI?*

- Machine learning algorithms
- Training models
- Understanding patterns, learning from examples, and generating novel outputs.



# *Types of Generative AI Models*

*Lets skip to the good  
part!*



# *Applications of AI*



- Art and Design: Dall-E and Dall-E2, DeepArt.io, Google Magenta, StyleGAN
- Music and Sound: Soundraw.io
- Solves Anything: ChatGPT and ChatGPT Plus
- Content Creation: Copyai, ContentBot.ai
- Fashion and Product Design: Virtual Prototyping
- Healthcare and Drug Discovery: Clinical Decision Support Systems
- Robotics and Automation: Tesla
- Gaming and Virtual Worlds:



... ⬇ Share Save ▾

“watercolor painting of a purple spaceship”

S [redacted]  
Human & AI



... ⬇ Share Save ▾

“a long line of about 20 indian people standing outside on a hot day in chennai, their backs are turned towards us, illustration style”

S [redacted]  
Human & AI



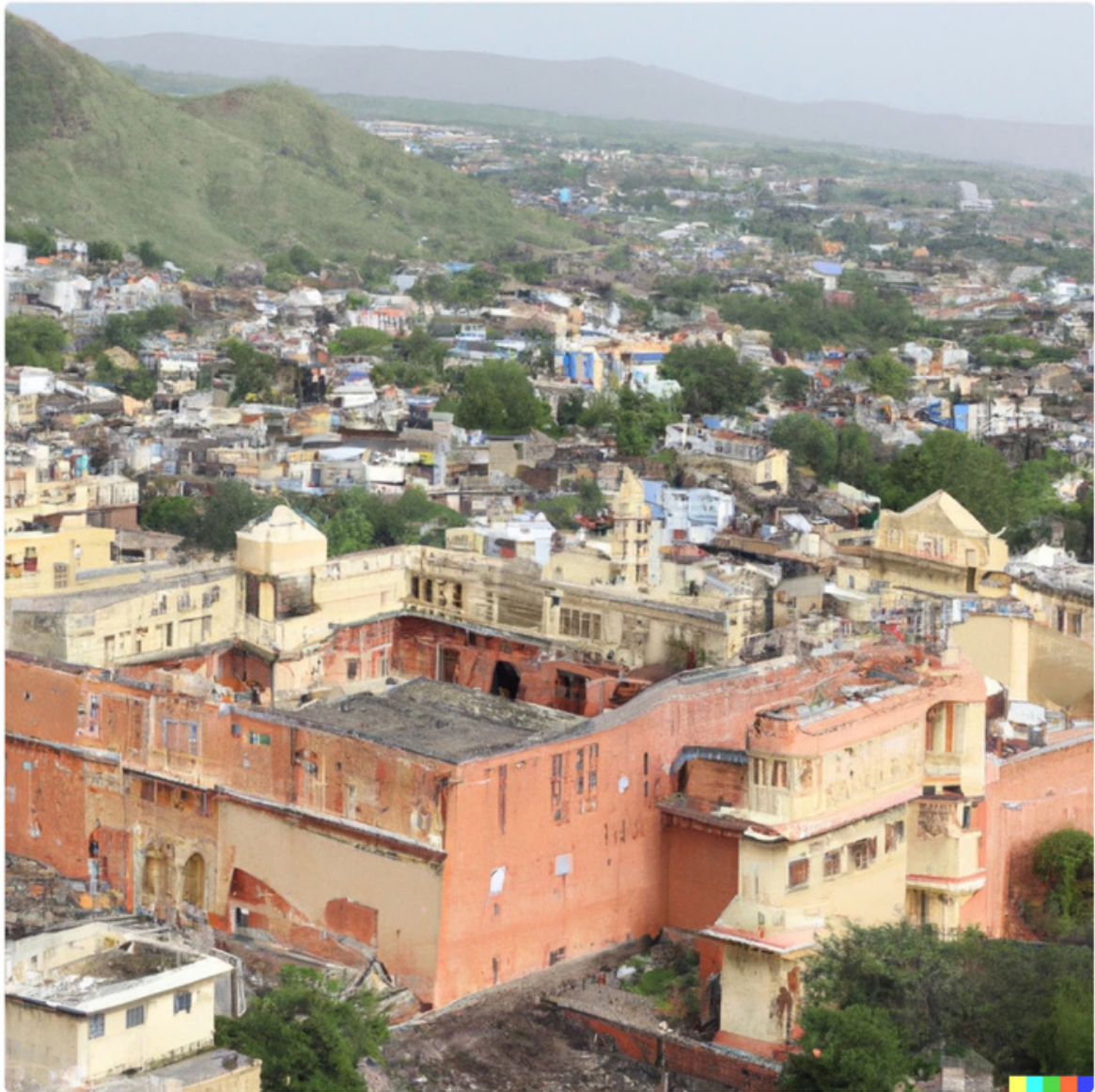
# Bad prediction



...  Share Save ▾

“A daft-punk helmet wearing astronaut floating in space playing electric guitar, digital painting”

   
Human & AI



...  Share Save ▾

“Jaipur in 2100, photo”

   
Human & AI







*How to use AI tools in our day to  
day life?*

# Impacts and Challenges

- Creative Collaboration
- Ethical Considerations
- Data Bias
- User Experience
- Continued Research and Development

**Dell and Nvidia**



# Future Directions

- Improved Quality and Realism:
- Interdisciplinary Collaboration:
- Enhanced Control and User Interaction:
- Ethical Frameworks:
- Integration with Other Technologies:



